

From owner-qrp-1@netcom.com Thu Oct 20 03:38:50 1994
Message-Id: <2ea5d1c7.pandora@pandora.uucp>
Date: Thu, 20 Oct 1994 10:11:16 +0800
From: "W. Daniel" <pandora!daniel>
Subject: Re: 20W Linear (SSB/CW/AM) Amplifier Kit For Sale

On 19 Oct 94 07:20:21 EDT, "Judy L. Schnabolk" <73043.1704@compuserve.com> wrote:
> Ramsey 20W Linear (SSB/CW/AM) Amplifier Kit.
>
> Includes printed circuit board, power and RF input/out jacks, on/off
> switch and all board mounted components and manual. You supply
> enclosure (if needed) and 12V power.
>
> Features include:
>
> Push/pull circuit using power FET's. 1/2 to 2W input, 10 to 20W output.
> Note: 20 watts is only about 1 S unit below a 100 watt rig.
>
> Built in T/R relay automatically switches between receive and transmit.
>
> Broadband design. PCB includes circuitry for 1 low pass filter (20M or
> specify band of choice). Note: You can easily make into a multiband
> power amp by adding a band switch and additional low pass filters.
>
> Reply via email: 73043.1704@compuserve.com

Hi Ed,

Are you selling one of these? I found the original PCB layout to be quite unstable. I had to redesign the whole board into a board about 1/3 the size of the original. The board had input lines running all over the place, and seeing that FET's are particularly susceptible to parasitics, I think its layout was not too good. My own design incorporated ferrite beads to kill parasitics. One of the results is that the T/R relay goes berserk due to these oscillations and the FET's get REAL HOT! I redesigned on a double sided PCB. And the RCA phono jacks for input and output were really inconvenient. For \$35 you can't expect too much I guess. :-)

With proper design things could be better as the circuit itself is not too bad but you really need a much bigger heatsink than that provided. I could not get 20W out on CW with 1W in. Furthermore, it got hot real fast. The balun transformer core also tends to get real hot. I used a higher rated one. My output looked more like about 10-13 watts with a 13.5V supply.

Just my own experience with this particular kit.

73,
Daniel

--

```
+-----+-----+
| Daniel Wee | daniel%pandora@csah.com |
| UUCP1.12b | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
```

** It is great wisdom not to rush into action nor
obstinately hold our own opinions ** Thomas A Kempis

From owner-qrp-l@netcom.com Thu Oct 20 17:07:30 1994
From: Gary M Diana <gmd@rfc.comm.harris.com>
Message-Id: <199410201718.NAA06342@usc02.rfc.comm.harris.com>
Date: Thu, 20 Oct 94 13:18:33 -0400
Subject: <didn't bother with a subject>

SUBSCRIBE qrp-l

From owner-qrp-l@netcom.com Thu Oct 20 23:03:42 1994
From: NYOUNG@nova.wright.edu
Date: Thu, 20 Oct 1994 17:43:36 -0400 (EDT)
Subject: And more audio, like dude...
Message-Id: <01HIIAJ24FQ08ZFOM4@nova.wright.edu>

Adding more af to radios is always my problem too. My wife
says that I don't listen. I say that she mumbles. Even the
CW filter that I got for the NN1G mumbles. Say what?

What I usually do (and I'm getting quite good at it) is build
a little amp with the LM380 chip on a teeny-tiny little board
that gets glued somewhere in the box with the other stuff. I
put a little trim pot on the input and it is quite happy and I
can hear again. Whaddya say?

You'll have to speak louder. I'm wearing the headphones and
Radio Moscow is coming in on my fillings. What? Huh? Say again over.

Nils
WB8IJN &c

From owner-qrp-l@netcom.com Thu Oct 20 14:15:24 1994
Date: Thu, 20 Oct 1994 08:32:00 -0500 (CDT)
From: Jeff Gold <JMG@tntech.edu>
Subject: Best Beginners Kit-> by FAR
Message-Id: <01HIHQGYPJ2GB3K1C0@tntech.edu>

Hello all,

well here is the story.. been trying to get away from building stuff that I had to write about for articles. .was taking the fun out of the hobby. I had built the original NorCal 40. A friend and the only other QRPer in town.. who happens to design and build his own rigs started to play with my NorCal.. he ended up talking me out of it.. so purchased the NorCal-2 kit when it came out.. put in a draw and promised not to touch it unless I needed emergency therapy.

finally caught up on all my articles (except 2) and needed to build. Finished the QSO recorder from QST article.. it works great.. getting bored.. pulled the NorCal 40-2 out of the draw.

Started to build it slowly.. was kinda concerned that if things were missing.. might be a hassle...been a LONG time since I bought the kit. Well noticed a few things.. the instructions were TOP quality.. both in ease to follow and quality of print. Seems that NorCal people listened to the first round people and tried to fix all problems. The parts description took out any guess work and the step by step was absolutely first quality.

The board is really clearly silk screened and not plated thru.. which makes it easier for beginner if they make an error.. to desolder.. good idea.. and keeps costs down. I didn't find any areas of instructions that were in any way confusing.. good job guys.. one of the hardest parts of manufacturing a kit is making clear instructions.. when you build a kit yourself.. you kinda take things for granted and tend to leave stuff out that others need to know when they build.

Having all the controls solder on the board is a top idea for beginner builders.. building up a kit and then putting bunches of wires from the controls can through some new builders. There also were very few wire jumpers on the board.. another nice touch. Having a diode to protect reverse power.. another good one.

OK, the instructions were clear, the parts were real good quality and the kit went together very nicely.. think only problem I ran into was that one hole wasn't drilled on the board.. may have only been the board I got.. but not a problem.

Had my wife wind the big torroid for the VF0.. suggest if you know someone into needlepoint and such..they make great coil winders.. ended up having her rewind the TX coil..

OK, rig built.. plug it in...only did one dumb thing.. didn't hear anything out of headphones.. and went over and over the board on

the bottom side. .couldn't find any problems.. did this for a day or two.. finally during one of my morning runs. .came to me.. what an idiot.. thought I read the parts description.. jack for headphones..stereo..using monoraul plug.. put in another set of headphones and correct jack.. well worked just fine...need to eat some more brain food.

OK, next area trouble for beginners.. tuning and aligning.. well this kit takes the #1 prize out right for easiest to align. after I got everything working.. had to wait to the next day for tune up.. learned that trying to do it at late evening usually results in blown up parts. Expected to spend some time before I could get the rig on the air.. boy was I surprised. Set the air variable cap in VFO 1/2 meshed and turned down the TX resistor adjust and audio resistor as specified. hooked up a frequency counter (also had dummy load and QRP wattmeter hooked up) Checked the frequency on TX (not the suggested method..but curious to see where things were at) .. getting power out. .and was at about 6.995 or so. Quick adjustment on the air variable .. right on target.. think it is now form 7.006 to 7.044. Love the fact that without rewinding any cores. can easily change where I want to be on band. Another great design feature.

Tuning the receiver couldn't be easier. There are two small adjustable capacitors.. you merely put on your headphones and adjust them for the loudes noise.. Put in my tiny screwdriver to peak them.. I hear CW coming out of the phone.. no antenna hooked up except the tiny screwdriver.. very good sign. The caps have clear peaks.. took about 30 seconds.

Only one more adjustment.. turn a third variable capacitor to you hear the loudest sidetone on TX.. which coincides with peak power output. That's it!!!!!!!!! use to having to get the TX and Rec freq. to be the same..but not on this rig.

Out of the case.. hooked it to antenna.. signals all over the place. putting out about 5 watts with resistor full open..turned it back to about 3.3.. only problem I notice is that on one end of the band seems to be near 4.0 and 3.3 on other. .probably one of the coils not wound perfectly ..

Well have established one of the best kits to build and align for beginner.. but is it any good..

Is it any good.. no!!!!!! , its FANTASTIC. The 40 meter band was pretty bad last night. .storms all over the place.. lots of noise. .heard about everyone complaining. Wait to hear someone end a QSO.. ask if he is busy.. comes RIGHT BACK to me .. he had to keep

it short.. told me band was bad.. but perfect copy from TN to Arkansas. I noticed a few things.. the receiver is excellent.. and so is the filtering. My rig seems to surpress about all the band noise and really brings the signal out. Some of the QSOs were with guys on expensive jap rigs complaining about copying others.. I had no problem.. even in copying weak QRP signals.. compared against my other kits and my 850S.. NorCal scores top of the line.. not to shabby for beginners kit.

Well got excited.. next talked to Wisconsin.. had no problem ..got great report. Later I went back to the shack..came across a test that proves how great this little rig is. Heard a VERY weak signal and lots of noise.. heard the guy calling CQ and noticed he had a /QRP.. well here was a good test of the receiver and my TX. Well he came right back to me. .he was about 329.. only using some non-resonant wire, I believe. I was using a Gap vertical with a manual tuner. We talked for over 1/2 hour before I lost him. He was using an Oak Hills Classic Dual Bander.. one of my personal favorites... had a detailed talk about signal quality.. NorCal.. clearly a super rig.

Other nice things.. nice split case ..easy to get into and out of.. small in size.. easy to transport.

Great work guys.. you beginner builders or other.. if you can.. get one.

My only regret is that I was broke when the Sierras came out.

73,72

Jeff, AC4HF

*good thing I have given up writing

From owner-qrp-1@netcom.com Fri Oct 21 00:04:36 1994

Subject: Re: Best Beginners Kit-> by FAR

Date: Thu, 20 Oct 94 16:59:53 PDT

From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

Message-Id: <9410201659.aa20855@cruzio.cruzio.com>

Jeff Gold writes:

>

> Hello all,

>

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> stuff that I had to write about for articles. .was taking the fun

> out of the hobby. I had built the original NorCal 40. A friend and

> the only other QRPer in town.. who happens to design and build his
> own rigs started to play with my NorCal.. he ended up talking me
> out of it.. so purchased the NorCal-2 kit when it came out.. put
> in a draw and promised not to touch it unless I needed emergency
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>
> 73,72
>
> Jeff, AC4HF
>
> *good thing I have given up writing

Love the idea of getting ur wife to wind coils for you..I will
try that one !

I think the Norcal 40 is the best thing since yagi antennas..
Even though I have completted the Sierra and 2 band modules,
I still spend almost all my time on the Norcal.
When I break a dx pileup with it I always find it hard to believe.
Cant wait for the upcoming cqww cw .
72/73.

--

Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Thu Oct 20 15:58:45 1994
Date: Thu, 20 Oct 1994 09:31:01 +0800
From: Raymond.Anderson@EBay.Sun.COM (Ray Anderson)
Message-Id: <9410201631.AA07703@uranium.EBay.Sun.COM>

Subject: Re: Ferrite Beads

>
> >I mentioned in a posting a while ago that I add a ferrite
> >bead to the base lead of the final PA in the QRP rigs
> >that don't already have them or specify them. The
> >function of the bead to provide a high impedance for
> >high frequencies such as parasitics and wild oscillations.
>
> One caveat is for using ferrite beads on the gate on a power MOSFET. Wes
> Hayward (and Roy Lewallen?) wrote up a Technical Correspondance for QST in
> the late 1980s showing that adding the bead could make the PA unstable!
> They suggested using a low value resistor as a Q killer as the preferred
> solution (though this would not apply to low Z bipolar circuits).
>
> 73
>
> Kevin Purcell N7WIM / G8UDP xenolith@halcyon.com 206/649-6489
> Seattle dBug Mac Developers SIG organiser kevinpu@atm.com
>

Several years ago I was working on a 170 MHz IF amp for some commercial
sat-com applications. This thing had a whole load of 2N5179 emitter
followers sprinkled throughout it. At least half of these emitter
follower amplifiers would oscillate at 1.6 GHz. The fix was to put
a 10 to 20 ohm resistor as close as possible to the base connection of
the transistor. Ferrite beads just made it worse for this particular
application.

72's de Ray WB6TPU
raymonda@uranium.ebay.sun.com

From owner-qrp-l@netcom.com Thu Oct 20 13:52:52 1994
Message-Id: <199410201454.JAA21790@harbor.ecn.purdue.edu>
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: Fox Hunt
Date: Thu, 20 Oct 1994 09:54:47 -0500 (EST)

>
> > Considering that Radio Ma'sCow used to radiate enough power that
> >you could pick them up using your dental fillings and a piece of wet
> >string, I'd say not. :-) (In fact, you could probably disable half the
> >front end of a receiver and still hear them..... :-))
>
> My JRC general coverage receiver receives the R.M. signal at 7.110, in FM
> mode, with absolutely NO antenna attached, for 20 over 9. They Do
> QSL, but they won't mark the card 2 way A1A. :-)
>

> 73 Bob - N2IPY
>
>

Yup - you got it! Heck, even my Radio Shack DX440 AKA Sangean
ATS803 on the cheesy whip antenna hears R.M. so clearly that I could swear
you could hear the KGB agent in the back of the studio farting..... :-)

Duane
wb9omc

From owner-qrp-1@netcom.com Thu Oct 20 16:39:10 1994
Date: Thu, 20 Oct 94 14:05:35 EDT
From: klaudon@PICA.ARMY.MIL
Message-Id: <9410201805.AA28357@batdd6.pica.army.mil>
Subject: Re: Fox Hunt

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>ATS803 on the cheesy whip antenna hears R.M. so clearly that I could swear
>you could hear the KGB agent in the back of the studio farting..... :-)

Duane, he must have been overloading your front end! :))

Was he on upper or lower sideband? :)

"In Russia, we even have rationing of call-signs!"

"In glorious communist Russia, we could not have a capitalist, bourgeois,
anti-worker system of incentive licensing! We made all classes equal.
But of course, some classes are more equal than others! Heh! Heh! Heh!"

In Russia, they still have a code requirement. But the trouble is, nobody
will admit that they know anything about codes!

73 de WD6CZI

From bobea@watson.ibm.com Thu Oct 20 12:05:07 1994

Message-Id: <9410201538.AA1086@bobea.watson.ibm.com>
Date: Thu, 20 Oct 94 11:34:37 EST
From: "Robert E. Easton 8-862-3241" <bobea@watson.ibm.com>
Subject: Re: Fox Hunting

> Do we have problems or is netcom overloaded again?

Been seeing reflection times as great as 30 hours here. I found both of K5FO's "foxhunt tonight" postings arriving the day after. Missed both hunts because of that. :-(

73, Bob - N2IPY

From owner-qrp-l@netcom.com Thu Oct 20 03:37:33 1994
From: jeffrey@math.hawaii.edu
Date: Wed, 19 Oct 94 13:28:09 HST
Message-Id: <9410192328.AA10315@cruncher.math.hawaii.edu>
Subject: Re: HW-8 price

But keep in mind that the fellow who's asking 150\$ for his HW-8 (it isn't me - I just relayed the ad to the net) might not *get* 150\$. I always will make a counter offer of about 2/3 the asking price since the person selling a rig always asks more because he's expecting a buyer to make a counter offer...

Jeff NH6IL

From owner-qrp-l@netcom.com Thu Oct 20 10:55:19 1994
Date: Thu, 20 Oct 1994 06:52:47 -0400 (EDT)
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Re: Index Labs QRP phone #
Message-Id: <Pine.SV4.3.91.941020064750.3434C-100000@atl11>

On Wed, 19 Oct 1994, Kevin Purcell wrote:

>

> Do you have the current phone number for Index Labs?

>

The number is 206-851-5725. I don't have an Index rig, just thinking about it and so is my friend!

Jim, W4QO

From owner-qrp-l@netcom.com Thu Oct 20 21:44:18 1994
From: ARDAI@MAVEN.dnet.teradyne.com
Date: Thu, 20 Oct 1994 10:34:49 -0500 (EST)
Subject: Majordomo problems
Message-Id: <01HIHVI88K4Y001M0E@A1GATE.TERADYNE.COM>

There were some majordomo problems over at Netcom early this week (someone moved the mailing list directory to another disk and botched the file protections along the way). If you had posted something and haven't seen it yet (other than 'please unsubscribe me' - don't send those to the list), please resend it. Sorry about the problems.

/mike

n1list@netcom.com

Maintainer, BARC lists

From owner-qrp-l@netcom.com Thu Oct 20 02:54:27 1994

Date: Wed, 19 Oct 1994 23:35:48 -0400 (EDT)

From: Brien Pepperdine <pepperb@gov.on.ca>

Subject: More NorCal40 Audio?

Message-Id: <Pine.3.07.9410192348.A18219-b100000@govonca>

Excuse me if this has been addressed before, but I guess I am one of the stragglers re. the NorCal. I just 'finished' my NorCal (if one is EVER finished it) 40 - there still has to be some work yet to get the PA up to snuff (eg. I think its snuffed- off Saturday to get some new transistor) and get more than milliwatt output (I might be back to the QRP list on that one - we'll know Saturday afternoon - I'm sure you are all waiting with bated breath).

Anyhow, I know I saw some discussion on the LM386 before - I'd like a little more audio level output if that is possible. Its quite likely I did not get QRPP when this was initially part of the first run of discussion on the first NorCals, but if I could get an idea of what I can substitute and have to modify (if anything) around a new audio amp IC, I would appreciate it. I think between the dogs, waves on the shore when I am camping, horrific winds in canoe country, etc. I might need a little more sound in my headphones. Or do I just chain in a another amp somewhere?

73 to all the group. So far I like what I hear in terms of pick-up, I just need more volume (maybe I went to too many Emerson, Lake and Palmer concerts and got some Brain Salad Surgery I did not want.)

Brien

VE3VAW

Toronto, ON

pepperb@gov.on.ca

From owner-qrp-l@netcom.com Thu Oct 20 11:38:35 1994

Date: Thu, 20 Oct 1994 09:35:41 -0230 (NDT)

From: Robert Gobrick <bgobrick@random.ucs.mun.ca>

Subject: Re: More NorCal40 Audio?

Message-Id: <Pine.3.87.9410200941.C17397-0100000@random.ucs.mun.ca>

Hi Brien - if you want more audio for the Norcal 40 (or any other rig for that matter) you may want to take the Jim W1FMR approach (and one that I also use) and just externally attach the Radio Shack little grey box (actually I think there beige now) audio amplifier. It's compact, runs on 9 volt battery and can be used to "boost" the volume for those Emerson Lake and Palmer vibes on your underpowered portable CD players.

Say what.....

Bob V01DRB/WA6ERB

From owner-qrp-l@netcom.com Thu Oct 20 20:41:48 1994
Date: Thu, 20 Oct 1994 16:59:00 -0400 (EDT)
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Re: More NorCal40 Audio?
Message-Id: <Pine.SV4.3.91.941020165215.2139C-1000000@atl1>

On Thu, 20 Oct 1994, Robert Gobrick wrote:

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> Emerson Lake and Palmer vibes on your underpowered portable CD players.

>

> Say what.....

>

> Bob V01DRB/WA6ERB

>

>

I agree, sometimes an outboard audio is certainly easier, but not if you are carrying it in a backpack. A couple thoughts come to mind. One - I have seen the stereo amplified speaker systems for as low as \$8.95 US here in Atlanta. You would probably want to include a mono-stereo adapter so both speakers will play. The second is to add the audio amp module now available from TenTec in kit form for I think \$9.00 and squeeze it into the radio somewhere. It is kit #1550 and is a Signetics TDA2611A audio amp IC. It is about an 1.5 x 1.5 inch board with a transistor driver. It also includes a gain control which could be replaced by fixed resistors to save space.

Jim Stafford, W4QO RadioActive Schools(sm) -
Packet:W4QO@WA4BRO.#atl.ga.usa.na Internet: w4qo@america.net

From owner-qrp-1@netcom.com Thu Oct 20 08:31:52 1994
From: Toshiyuki Ando <ando@oecj.co.jp>
Message-Id: <9410200956.AA22864@take.oecj.co.jp>
Subject: need info of non-Japanese QRP rigs
Date: Thu, 20 Oct 94 18:56:38 JST

Hi everybody! I am from Japan and new in this list.
I would like to get the information what kind of QRP rigs are available(new)
(ready-made)in U.S. and other countries(probably in UK?)
As far as I know,
 Argonaut 2
 HW9(only used)
 MFJ
 Oak Hills
 A & A

Rigs can be either cw only or cw/ssb. should be less than 5 watts output.
If someone can let me know what other rigs are available, I would appreciate
it. I would like to know the specifications.

Toshi Ando
JK1APL Tokyo Japan ando@oecj.co.jp

P.S. HW9, Oak, A & A are kits though.

From owner-qrp-1@netcom.com Thu Oct 20 13:05:16 1994
From: Scott Richard Rosenfeld <ham@wam.umd.edu>
Date: Thu, 20 Oct 1994 10:09:57 -0400
Message-Id: <199410201409.KAA12462@rac8.wam.umd.edu>
Subject: Re: need info of non-Japanese QRP rigs

S&S Engineering, here in Maryland, makes a cute little QRP CW single-
bander called the ARK (ARK-20, ARK-40, etc). Pushbuttons (up/down) to
set frequency. A little awkward, and a little pricey (\$300!!!) but a
VERY good receiver.

Scott NF3I

From owner-qrp-1@netcom.com Thu Oct 20 17:28:38 1994
Date: Thu, 20 Oct 1994 15:17:18 -0230 (NDT)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: need info of non-Japanese QRP rigs
Message-Id: <Pine.3.87.9410201518.C22333-0100000@random.ucs.mun.ca>

Hi Toshi - Welcome to the loosely knit

qrp/builders/experimenters/tormentors here on the QRP-L Internet. By the way I would be very interested on how QRP is doing in Japan. Is it popular? Are there any "QRP only" clubs? (I know Japan has lots of ham clubs from what I see in the Japanese CQ Magazine). Are there are QRP commercial companies (I think here we see the Tokyo Hi-Power tribander and the Mischo (spelling) monobanders. Are ther any Japanese QRP kits and are they reasonalbly priced (for the Japanese as well as the export market). Anyway if you get a few moments I'm sure the QRP-L lsit gang here in North America and Europe would like to hear from you.

73, 72 Bob VO1DRB/WA6ERB

On Thu, 20 Oct 1994, Toshiyuki Ando wrote:

> Hi everybody! I am from Japan and new in this list.
> I would like to get the information what kind of QRP rigs are available(new)
> (ready-made)in U.S. and other countries(probably in UK?)
> As far as I know,
> Argonaut 2
> HW9(only used)
> MFJ
> Oak Hills
> A & A
>
> Rigs can be either cw only or cw/ssb. should be less than 5 watts output.
> If someone can let me know what other rigs are available, I would appreciate
> it. I would like to know the specifications.
>
> Toshi Ando
> JK1APL Tokyo Japan ando@oecj.co.jp
>
> P.S. HW9, Oak, A & A are kits though.
>
>

From owner-qrp-l@netcom.com Thu Oct 20 03:37:28 1994
Date: Wed, 19 Oct 94 17:08:31 PDT
From: PLANAR-EQUIPMENT PAGER 1061 MS IR2-06 <DJCOLLINS@FAB10.intel.com>
Message-Id: <9410200008.utk9316@FAB10.intel.com>
Subject: please subscribe

please subscribe.

please add me to the qrp mailing group

ths

denis

From owner-qrp-l@netcom.com Thu Oct 20 13:30:51 1994
Date: Thu, 20 Oct 1994 08:48:37 -0500 (CDT)
From: Jeff Gold <JMG@tntech.edu>
Subject: qrp quarterly
Message-Id: <01HIHRWY5384B3K1C0@tntech.edu>

Just read the article on the new Ten Tec Argo in the Quarterly..
really enjoyed the way it was written.. write on!!!

Jeff, AC4HF

From owner-qrp-l@netcom.com Thu Oct 20 17:18:01 1994
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199410201757.NAA05887@abersoch.sw.stratus.com>
Subject: QRP-NE 40-40 questions
Date: Thu, 20 Oct 1994 13:57:34 -0400 (EDT)

I am new to QRP and this mail list and have on general question to start with.
I just finished the 40-40 last night and found that I have a bandwidth of 35Kc.
What frequencies would you tune the radio for ? I was thinking about
7020 to 7055. Is this where the QRP activity is ?

Now to some specific 40-40 questions that someone might be able to help me
with. I was unable to align to radio to cover the 7020 to 7055 range. As built
from the instruction it would go no higher than 7010 to 7043. So I followed the
instruction and took one turn off of L1. After that the lowest I could get it
to tune was 7054 to 7088 even squeezing the turns.

As I see it I have two ways to fix this, one is leave the extra trun on and
increase the bandwidth until I can get it to tune where I want it. The other
is to take a trun off L1 and put a cap in parallel with C8. The instructions
talk about adding 5 to 10 pf, but for the amount I need to move the tuning I
figured I need to use about 30 pf.

Anyone have any ideas or comments ? I am looking forward to using N1QPR/QRP

thanks

Bill

--

Bill Northup
Stratus Computer Inc.

PHONE: (508) 460-2085
INTERNET: northup@sw.stratus.com

55 Fairbanks Boulevard Amateur Radio: N1QPR
Marlboro, MA 01752

From owner-qrp-l@netcom.com Thu Oct 20 19:10:06 1994
From: "Tendam,Pat,PA" <TENDAMPA@clipo1.usachem.msnet.bp.com>
Subject: Reviving Gel Cells
Date: Thu, 20 Oct 94 15:35:00 EDT
Message-Id: <2EA6C6E0@MSGATE.RCW.BP.COM>

It seems everytime I buy a pair of gel cells at a hamfest, only one works.
I read about and tried the standard way of reviving bad cells by charging with greater than the usual voltage until the current starts flowing. For instance, a 12 volt cell was charged at 18 to 20 volts with the current limited to 18% of the ampour rating (the current is nil at first but will jump to high currents if not limited or watched closely).

My problem is that I had a 2.6 AH battery that held about 6 volts (nominal 12 volt). I charged at 20 volts and then limited the current at 360 mA for more than 18 hours. The battery has come up to 8.8 volts but seems to have plateaued. Does this seem normal for those batteries in revival stages or is the battery not salvageable? I also forgot to mention that when loaded with about 3 ohms it will provide well over 2 A.

How low can the voltage be and still have a good probability of bringing the battery back to health? Any other way to stimulate the battery safely or should I chuck it?

BTW, I enjoy the discussions on this list very much.

73,
Pat Tendam, WS8T
tendam@delphi.com

From owner-qrp-l@netcom.com Thu Oct 20 03:20:43 1994
Date: Wed, 19 Oct 1994 18:55:33 -0230 (NDT)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: Ten-Tec 1208 kit arrives!
Message-Id: <Pine.3.87.9410191833.A6340-0100000@random.ucs.mun.ca>

Dave - One small question since I don't have my Ten Tec Kit catalog in front of me - what in the world is a model 1208 - I read your whole message but didn't have a clue.

Otherwise it was a nice message - hi.

73 Bob V01DRB/WA6ERB

From owner-qrp-1@netcom.com Thu Oct 20 11:44:53 1994
Date: Thu, 20 Oct 94 08:40:01 EDT
From: teda@meaddata.com (Ted Albert)
Message-Id: <9410201240.AA03245@rain.meaddata.com>
Subject: Re: Ten-Tec 1208 kit arrives!

> Dave - One small question since I don't have my Ten Tec Kit catalog in
> front of me - what in the world is a model 1208 - I read your whole
> message but didn't have a clue.
>
> Otherwise it was a nice message - hi.
>
> 73 Bob V01DRB/WA6ERB
>
>

A very nice six meter transverter kit. I saw the prototype at Dayton. It
looked nice. I am thinking about one for my Arognaut.

73 de Ted, KF8EE

From owner-qrp-1@netcom.com Thu Oct 20 19:02:06 1994
Message-Id: <199410201621.JAA21868@mail3.netcom.com>
Date: Thu, 20 Oct 94 10:23:50 -0600
From: Mark J Schreiner <schreine@pogo.den.mmc.com>
Subject: Re: Ten-Tec 1208 kit arrives!

I saw it too, along with a friend of mine, while at the Dayton hamfest.
Sure looks like a great project. But first I have to finish the R2 & T2!

73s de Mark, NK8Q/3

From owner-qrp-1@netcom.com Thu Oct 20 23:03:42 1994
Message-Id: <199410202222.AA02127@halcyon.com>
Date: Thu, 20 Oct 1994 15:23:22 -0700
From: xenolith@halcyon.com (Kevin Purcell)
Subject: Re: Ten-Tec 1208 kit arrives!

>> Dave - One small question since I don't have my Ten Tec Kit catalog in
>> front of me - what in the world is a model 1208 - I read your whole
>> message but didn't have a clue.
>>
>> Otherwise it was a nice message - hi.
>>
>> 73 Bob V01DRB/WA6ERB
>>
>>

>A very nice six meter transverter kit. I saw the prototype at Dayton. It
>looked nice. I am thinking about one for my Arognaut.

>

>73 de Ted, KF8EE

Is Dave the only person on the list to have bought one -- I'm thinking of
getting one too (but I knew I wouldn't build it for a while, so I'd let a
few others go ahead first). It sounds pretty good.

73

Kevin Purcell | xenolith@halcyon.com | 206/649-6489
Seattle dBug Mac Developers SIG Organiser | kevinpu@atm.com | N7WIM + G8UDP

From owner-qrp-l@netcom.com Thu Oct 20 18:59:23 1994
Date: Thu, 20 Oct 94 14:38:52 CDT
From: carter@nsslsun.nssl.uoknor.edu (John Carter)
Message-Id: <9410201938.AA22562@nsslsun.nssl.uoknor.edu>
Subject: w5ym

It's no mystery! W5YM is the University of Arkansas Radio Club
station call.

7.3 from john W5LG0.

From owner-qrp-l@netcom.com Thu Oct 20 20:08:33 1994
Date: Thu, 20 Oct 94 14:18:31 PDT
From: sflatt@japan.gislab.teale.ca.gov (Steve Flatt)
Message-Id: <9410202118.AA01009@japan.gislab.teale.ca.gov>
Subject: W5YM - results from callsign server

Here's what the callsign server has to say about W5YM:

Trying 128.205.32.2 ...
Connected to electra.cs.buffalo.edu.
Escape character is '^]'.
Callbook v1.3 Bug reports to bowen@cs.buffalo.edu Type 'help' for help
>> call w5ym
Call-Sign: W5YM
Real Name: (K5GOE-TR) AMAT RC OF UNIV ARK INC
Mailing Address: 3217 BELL ENGINEERING CENTER, FAYETTEVILLE, AR 72701
Valid From: APR 21, 1989 To: JAN 0, 1999
Records Last Processed: APR 21, 1989
>>

for what it's worth...can't find JAN 0, 1999 on my calendar....

Steve Flatt - KC6PLW Internet : sflatt@gislab.teale.ca.gov
Sacramento CA U.S.A. Packet: kc6plw @ n0ary.#nocal.ca.usa.na

From owner-qrp-1@netcom.com Thu Oct 20 17:32:15 1994
Date: Thu, 20 Oct 1994 11:39:07 +0800
From: Raymond.Anderson@EBay.Sun.COM (Ray Anderson)
Message-Id: <9410201839.AA07944@uranium.EBay.Sun.COM>
Subject: Re: W5YM MYSTERY

> From owner-qrp-1@netcom.com Thu Oct 20 11:33:41 1994
> Date: Thu, 20 Oct 94 11:36:08 EDT
> From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL
> Subject: W5YM MYSTERY
> To: qrp-1@netcom.com
> Sender: owner-qrp-1@netcom.com
> Content-Length: 202
>
> Could it be possible that W5YM's license has expired and he may not know it?
> I don't think the FCC data base maintains expired callsigns. Who knows?
> de KT3A (currently licensed, and good in Callbook).
>

My computer thinks it is still valid:

Callbook v1.3 Bug reports to jpd@pc.usl.edu Type 'help' for help
>> call w5ym
Call-Sign: W5YM
Real Name: (K5GOE-TR) AMAT RC OF UNIV ARK INC
Mailing Address: 3217 BELL ENGINEERING CENTER, FAYETTEVILLE, AR 72701
Valid From: APR 21, 1989 To: JAN 0, 1999
Records Last Processed: APR 21, 1989

Ray WB6TPU

From owner-qrp-1@netcom.com Thu Oct 20 18:06:55 1994
Message-Id: <199410201633.JAA20963@netcom.netcom.com>
Date: Thu, 20 Oct 94 11:36:08 EDT
From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL
Subject: W5YM MYSTERY

Could it be possible that W5YM's license has expired and he may not know it?
I don't think the FCC data base maintains expired callsigns. Who knows?
de KT3A (currently licensed, and good in Callbook).

From owner-qrp-1@netcom.com Thu Oct 20 22:58:19 1994
Date: Thu, 20 Oct 1994 13:29:38 -0700
From: Richard.McAllister@Eng.Sun.COM (Richard McAllister)
Message-Id: <9410202029.AA04607@urth.Eng.Sun.COM>
Subject: Re: W5YM MYSTERY

Weren't "W#YX" calls issued as club calls at one time, long ago?

I know Stanford is W6YX. I think club calls are not on the QRZ! data base
because they're not on the FCC computer. Indeed, I just looked at
W6YX isn't in QRZ! either.

Rich, K06CL

From owner-qrp-1@netcom.com Thu Oct 20 20:40:13 1994
Message-Id: <199410202155.0AA21768@netcom.netcom.com>
Date: Thu, 20 Oct 94 14:20:10 EDT
From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL
Subject: W5YM Mystery solved.

I found the call in my old "Callbook" dated 1992.

ARC Univ AR Inc., J Charlton
3217 Bell Engineering Center, Fayetteville, AR 72701

de KT3A. (I knew this old book would come handy!)